Project Name/Address:	
System Name or Identification/Tag:	System Location or Area Served:

Intent: *Verify proper operation of distributed energy storage TES systems.*

Construction Inspection

1. Instrumentation to perform test includes, but not limited to:
   a No special instrumentation is required for the acceptance tests.

A. Certificate of Compliance Information

The following Certificate of Compliance information for both the chiller and the storage tank shall be provided on the plans to document the key TES System parameters and allow plan check comparison to the inputs used in the DOE-2 simulation. DOE-2 keywords are shown in ALL CAPITALS in parentheses.

a.	Chiller	Brand and Model:			
		Type (Centrifugal, Reciprocating, etc):			
		Capacity (tons): (Size)			
		Starting Efficiency (kW/ton): (at beginning of ice production) (COMP-KW/TON-START)			
		Ending Efficiency (kW/ton): (at end of ice production) (COMP-KW/TON-END)			
		Capacity Reduction (% / F): (PER-COMP-REDUCT/F)			
b.	Storage Tank	Storage Type (Check): (TES-TYPE)	☐ Chilled Water Storage	☐ Ice-on-Coil	☐ CHS
			☐ Ice Harvester	☐ Brine	
			☐ Ice-Slurry	☐Eutectic Salt	
		Number of tanks (SIZE)			
		Storage Capacity per Tank (ton-hours)			
		Storage Rate (tons): (COOL-STORE-RATE)			
		Discharge Rate (tons): (COOL-SUPPLY-RATE)			
		Auxiliary Power (watts): (PUMP+AUX-KW)			
		Tank Area (sq ft): (CTANK-LOSS-COEFF)			
		Tank Insulation (R-Value): (CTANK-LOSS-COEFF)			